## What is claimed is:

- 1. A screen printing apparatus for printing paste onto a substrate via pattern apertures of a mask plate by sliding a squeegee head on the mask plate, said squeegee head comprising:
  - (a) a paste storage for storing paste;
- (b) a pressure applying member for applying pressure to the paste in said storage;
- (c) a paste cell for accommodating the pressurized paste and bringing the paste into contact with a surface of the mask plate via an opening formed on a lower face of said cell;
- (d) a scraper having a slope forming a front wall and a rear wall in a squeegee-moving direction, and forming a brim of the opening with a lower end of said scraper contacted with a surface of the mask plate; and
- (e) a paste-flow-adjusting member disposed in said cell, for flowing the pressurized paste into the opening in a slant direction by blocking the paste from flowing into a specific area above the opening.
- 2. The screen printing apparatus of claim 1, wherein said pasteflow-adjusting member has a round sectional view.

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- 3. The screen printing apparatus of claim 1, wherein said pasteflow-adjusting member has a transformed diamond-shape-sectional view.
- 4. The screen printing apparatus of claim 1, wherein said paste-25 flow-adjusting member forms a triangle-prism.
  - 5. A screen printing apparatus for printing paste onto a substrate

via pattern apertures of a mask plate by sliding a squeegee head on the mask plate, said squeegee head comprising:

- (a) a paste storage for storing paste;
- (b) a pressure applying member for applying pressure to the paste in said storage;
  - (c) a paste cell for accommodating the pressurized paste and bringing the paste into contact with a surface of the mask plate via an opening formed on a lower face of said cell:
- (d) a scraper forming a front wall and a rear wall in a squeegee-moving direction, and forming a brim of the opening with a lower end of said scraper contacted with a surface of the mask plate; and
  - (e) a paste-shearing member, disposed in said cell and having a vertical face contacting with the pressurized paste, for shearing the paste flowing down along the contacting face.

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- 6. The screen printing apparatus of claim 5, wherein said pasteshearing member forms a lattice.
- 7. A method of screen printing for printing paste onto a substrate via pattern apertures of a mask plate by sliding a squeegee head on the mask plate, said method comprising the steps of:
  - (a) pressurizing the paste in a paste storage disposed in the squeegee head;
  - (b) accommodating the pressurized paste in a paste cell having an opening at a lower face of the paste cell, and bringing the paste into contact with a surface of the mask plate; and
    - (c) blocking the paste from flowing into a specific area above

the opening with a paste-flow-adjusting member disposed in said cell, and flowing the paste into the opening in a slant direction.

- 8. A method of screen printing for printing paste onto a substrate

  5 via pattern apertures of a mask plate by sliding a squeegee head on the mask
  plate, said method comprising the steps of:
  - (a) pressurizing the paste in a paste storage disposed in the squeegee head;
- (b) accommodating the pressurized paste in a paste cell having an opening at a lower face of the paste cell, and bringing the paste into contact with a surface of the mask plate; and
  - (c) shearing the paste flowing down along a contacting face with a paste-shearing member disposed in the cell and having vertical faces contacting with the pressurized paste.

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